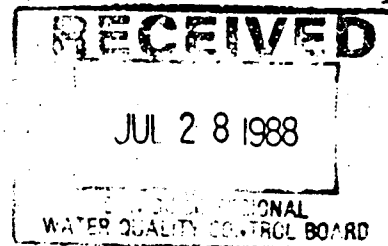


Solar Turbines - Harbor Drive Plant  
2200 Pacific Hwy.  
San Diego, CA 92123



This facility is a turbine manufacturing plant. A total of 27 sumps were observed at this facility. Four sumps are, or were, used to store waste. Twenty-three have been used as process units in manufacturing operations. None are considered to be regulated under TPCA.

The only active sump at this facility is a wastewater sump (SWB# 31099024). It is a 12,000-gallon concrete sump with 14-inch thick walls used to collect all wastewater in the plant. The sump discharges directly to the city sewer, under authority of the City of San Diego. There are two steam cleaning sumps SWB# 31099027 and 31099028). Both are 90-gallon concrete sumps. Both are presently dry and not in use. The sumps were used until late 1985 to store steam cleaning runoff of electric carts. The waste sump (SWB# 31099026) used to store Cr, Ni and Al was removed and closed in 1985. It was a 90-gallon concrete sump.

Sixteen of the process sumps are used to house machinery inside the facilities buildings. These pits are broken into two parts. The first part consists of a conveyor belt which carries turbine parts into a sump where polar chips (shavings) are removed. The parts are then raised onto a table in the second half of the sump. The part spins around on the table and is washed by coolant. The sump catches the coolant, which is recycled through the machine.

These machine pits include the following SWB#'s

31099036, 042, 043, 044, 045, 046, 047, 048, 049, 050,  
051, 052, 054, 055, 056, 057.

There is one underground storage tank for storage of coolant and oil (SWB# 31099031). It is a 25-gallon 6-inch thick concrete tank. Two concrete sumps (SWB# 31099029 and 030) are used as spill prevention sumps. They surround two sets of process tanks used in plating. One sump (#31099029) is 410-gallon concrete epoxy lined. The other tank (#31099030) is 45-gallons, 8-inch thick concrete. Three sumps (SWB# 31099039, 040, and 041) are used to store water for the plant's three cooling towers. The first (#31099039) is a 16,200-gallon 8-inch thick concrete sump. #31099040 is a 14,800-gallon 8-inch thick concrete sump. The third (#31099041) is a 8,600-gallon 6-inch thick concrete sump. There is one hydraulic reclamation sump. This sump is 1,300-gallons with 8-inch thick concrete walls.

While the Solar employees refused to furnish information regarding the DHS Waste Management Survey, several HW areas were seen while touring the facility. There is a drum storage area. It is bermed and believed to have a sump inside the containment area for spills. There were approximately 30-40 drums in the fence area. There was also four aboveground tanks adjacent to the plating building. These tanks may be used to store waste chemicals flushed from the plating tanks. The tanks sat on a pad which was concrete bermed, and the tanks were approximated 35,000 gallons each.

There are no waste management units subject to TPCA at this facility.